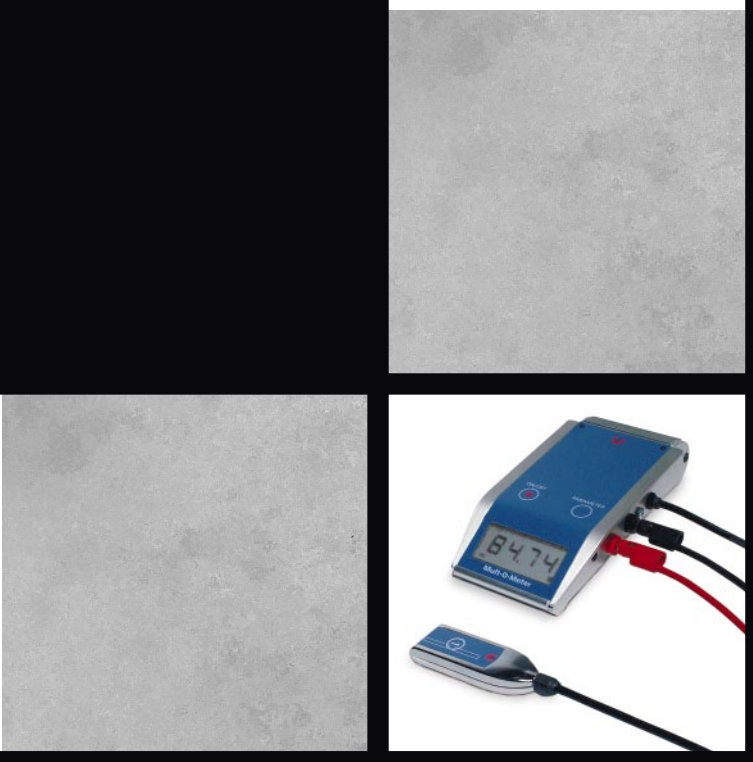

Simultaneous measurements of:

- mA and mAs
- kVp
- dose
- time

The Mult-O-Meter 700-series offers a cost effective and rapid way of checking kVp, dose, mAs and time of a wide range of X-ray machines. The 700-series utilizes a new built-in circuitry for invasive mA and mAs measurements, while an external or internal detector is used for kVp and dose measurements in the X-ray field. For maximum ease of use, only two push-buttons are used to control the Mult-O-Meter; ON/OFF and PARAMETER. The external detector is firmly connected with a flexible cable to avoid common problems with breaking connectors.

Model 710L: Internal Detector for mA, mAs, Time invasively
External Detector for kVp R/F, Dose R/F,Rate R/F Time, Pulse, Dose/Frame
Dental capabilities also present with kVp delay, 75% trigger level and normalization. The meter has a 2 meter cable on the external probe.

The Unfors Concept

Accurate result | 10 s to learn | Pocket sized

Mult-O-Meter 700-series Specifications

General

EMC tested	Meets IEC 801-2, IEC 801-3 and EN55011
Waveform	Single phase to high frequency and pulses with less than 1 s dead time interval
Exposure needed	One
Power off	Automatic after 5, 20 or 240 min of inactivity
Reset	Automatic
Power source	1 battery 9V, IEC 6F22
Battery life	30 hours, Alkaline type
Read out	4 digit custom LCD, display units
Size (HxWxL)	28 x 74 x 142 mm, 1.1 x 2.9 x 5.6 in
Weight	< 300 g, 11 oz

Measurement Model 710L

Range kVp R/F	45 - 155 kV, W/Al
Inaccuracy	2 % 45-125; 4% 125-155kVp
Minimum exposure	3 mA at 70 kVp, 50 cm
Range dose R/F	8 µGy - 9999 Gy, (1 mR - 9999 R) 8 µGy/s - 80 mGy/s, (55 mR/min - 550 R/min)
Inaccuracy	± 5 %
Calibration point	70 kV, 2.5 mm Al
Energy dependence	< 5 % between 50 - 150 kVp
Range Time	1 ms - 9999 s
Inaccuracy	0.5 % or 3 digits
Range mA	0.30 - 2000 mA
Inaccuracy	2 % or ± 0.05 mA
Range mAs	0.10 - 9999 mAs
Inaccuracy	2 %
Bandwidth	Selectable 5 Hz (F) or 500 Hz (R), 3 dB
Voltage protection limit	75 V

All specifications may change without notice.

CE 0413

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